

LPGAT1 rabbit monoclonal antibody

Catalog # H00009926-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LPGAT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LPGAT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LPGAT1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LPGAT1

Entrez GeneID	9926
GeneBank Accession#	LPGAT1
Gene Name	LPGAT1
Gene Alias	FAM34A, FAM34A1, NET8
Gene Description	lysophosphatidylglycerol acyltransferase 1
Omim ID	610473
Gene Ontology	Hyperlink
Gene Summary	Acyl-CoA:lysophosphatidylglycerol (LPG) acyltransferase catalyzes the reacylation of LPG to phosphatidylglycerol, a membrane phospholipid that is an important precursor for the synthesis of cardiolipin (Yang et al., 2004 [PubMed 15485873]).[supplied by OMIM]
Other Designations	OTTHUMP00000035214 OTTHUMP00000035215 family with sequence similarity 34, member A